Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 20 Mar 2023 until 23:59 on Tuesday 21 Mar 2023

Forecast Issued on Sunday 19 Mar 2023 at 14:51

Confidence: High becoming Medium in details from Wednesday.

Headline for Monday 20 Mar 2023: Rain, drizzle and low cloud. Windy over the tops.

Mountain weather hazards on Monday 20 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Heavy Rain	Light rain	Light rain	Mist	Cloudy	Light rain
Precipitation probability							
50%	70%	50%	70%	60%	40%	30%	70%

Forecast for Monday 20 Mar 2023

Weather: Outbreaks of heavy rain overnight. The rain and drizzle turning lighter and more patchy during the morning, a few drier spells possible in the afternoon. The rain could turn heavy again in the evening.

Chance of cloud-free hill tops above 600m: 40%, best chance in the afternoon.

Low Cloud and visibility: Extensive cloud, base 300 to 600m, perhaps lifting little at times in the afternoon. Visibility moderate to very poor at height, perhaps good at times lower down.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 20 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 S	19/27 S	19/28 SW	18/26 SW	17/25 SW	17/25 SW	17/25 SW	16/25 SW	17/27 S
300	6/17 S	7/19 S	10/23 SW	11/23 SW	13/25 SW	12/24 SW	10/22 SW	9/21 S	11/24 S
Valley	3/15 S	4/16 S	8/21 SW	8/18 SW	10/21 SW	10/21 SW	7/18 SW	8/20 S	10/23 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-3	4/-2	5/1	6/2	7/3	7/3	7/3	7/3	7/3
300	4/2	6/3	7/4	8/5	8/5	9/6	9/6	9/7	9/6
Valley	5/4	7/5	8/6	8/6	9/6	10/7	10/8	10/8	10/8
Freezing Level*	2100m	2300m	2300m	2400m	2100m	2200m	2100m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Medium confidence around timing of heavy and lighter rain and drizzle.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 19 Mar 2023	2.8mm	13.8mm	19.8mm

Forecast for Tuesday 21 Mar 2023

Weather: Outbreaks of heavy rain overnight. The rain and drizzle turning lighter and more patchy during the morning, skies beginning to brighten, perhaps a few sunny breaks developing in the afternoon. Further rain spreading in from the west later in the evening.

Maximum wind: Southwest 25mph gusting 35mph.

Chance of cloud-free hill tops above 600m: 30% rising to 80% in the afternoon, before falling again later in the evening.

Low Cloud and visibility: Extensive cloud, base 300 to 600m, lifting and breaking above the summits in the afternoon. Visibility moderate to very poor at first, becoming good or very good in the afternoon.

Temperature: **Valleys:** Plus 6 Celsius rising to 12 Celsius
At 600m: Plus 3 to 6 Celsius
Freezing level: Above the summits

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